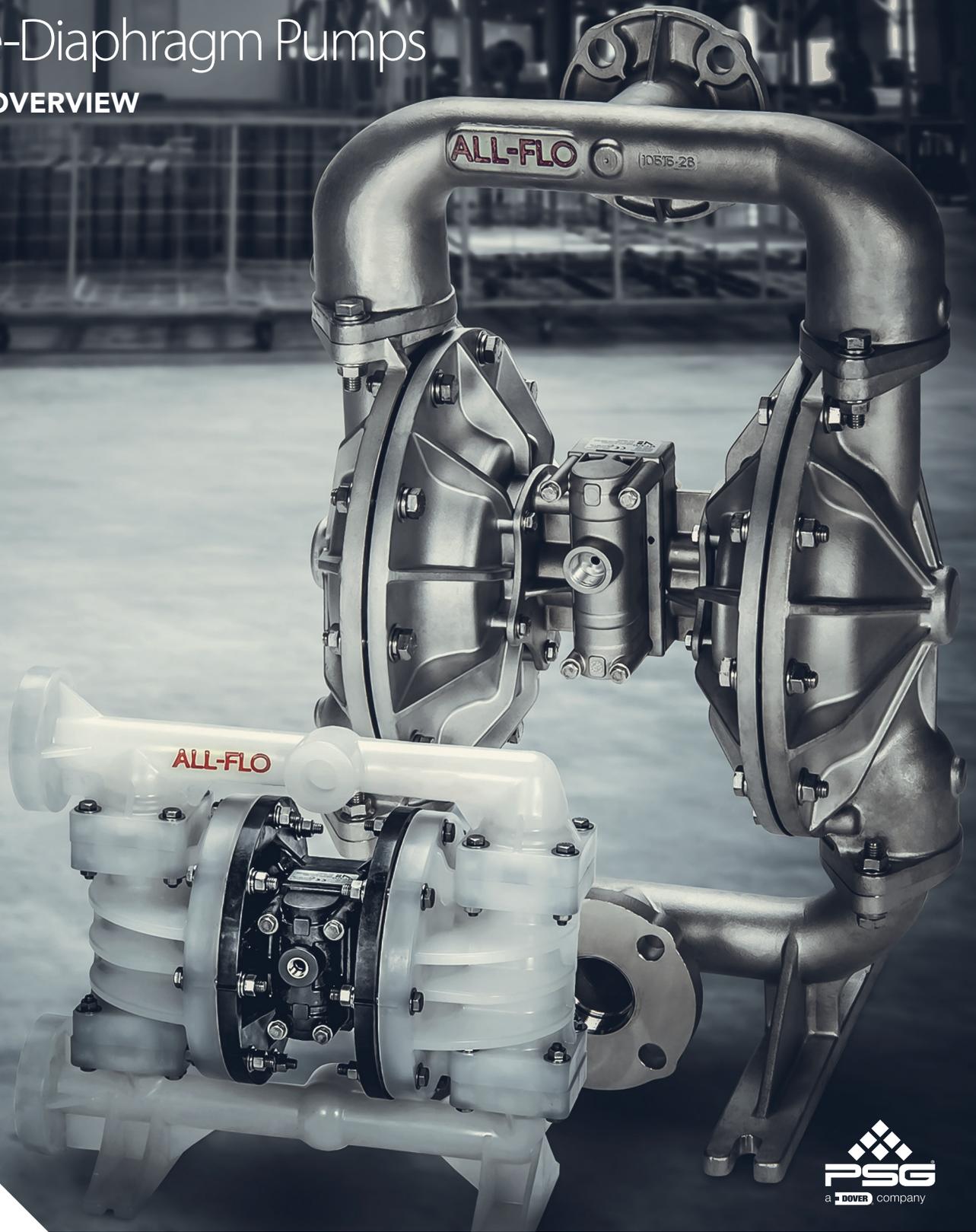


Air-Operated Double-Diaphragm Pumps

PRODUCT OVERVIEW



Where Innovation Flows



Performance and Efficiency

Since 1986, All-Flo pumps have been built to last. Designed to live up to their name, All-Flo pumps are performance engineered and quality built to provide trouble-free service under the toughest conditions. All of our pumps are 100% factory tested for quality assurance. Our pump's air mechanism features the fewest moving parts of any pump on the market. With fewer parts to wear and breakdown, the result is reduced risk of disruptions in service and reliable operation. When it comes to simplicity of design, see for yourself how our pump stacks up against competitors.

WE PUMP SOLUTIONS™

SIMPLE

A simple bolted design ensures quick and easy repairs.

EFFICIENCY

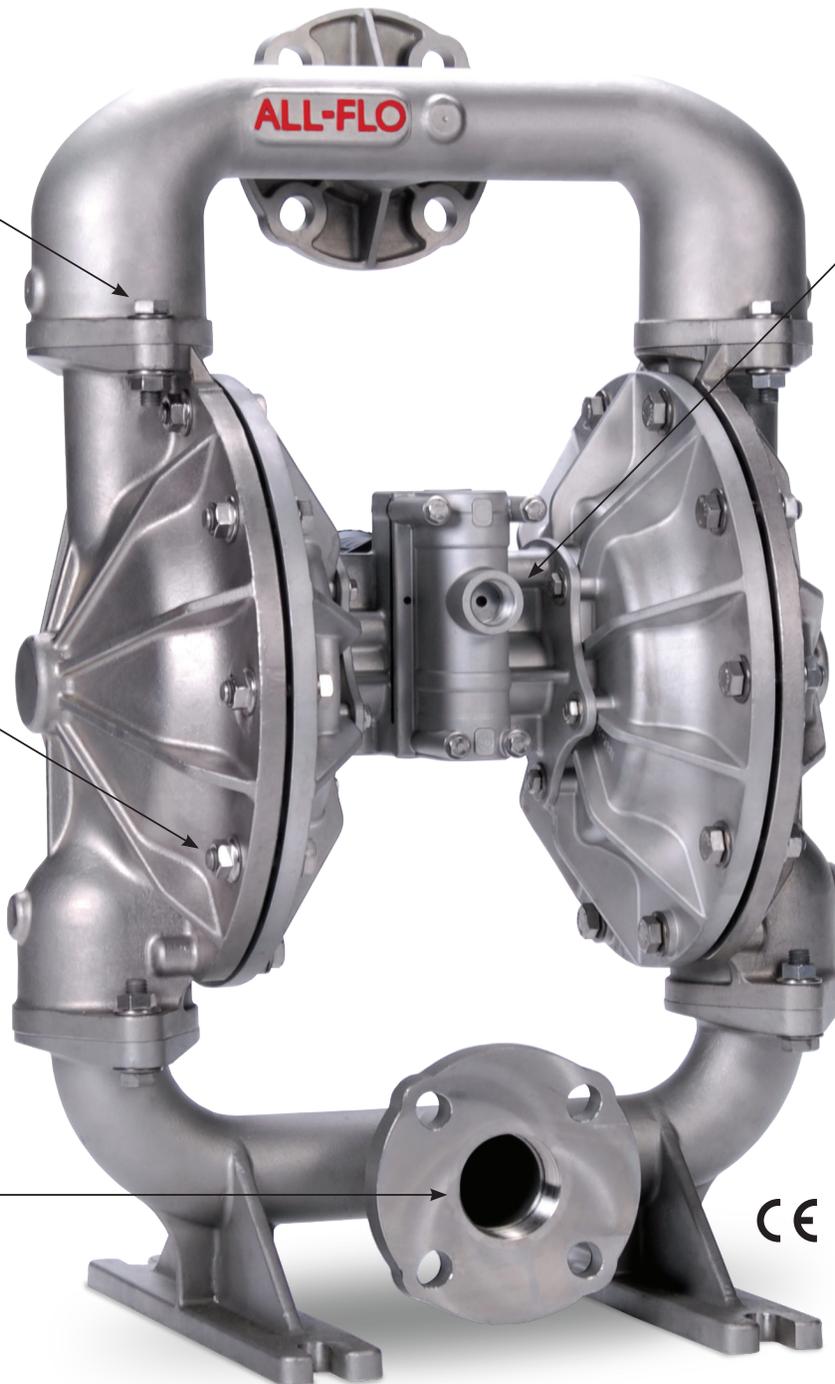
A high efficiency air-valve, with a maximum air pressure of 120 psi (8.2 bar), dramatically reduces overall operating costs.

PERFORMANCE

Quality-built construction of All-Flo pumps delivers unmatched efficiency and performance.

COMPATIBILITY

Mounting feet and liquid porting location designed to match competitors' footprint, reducing replacement cost.



Plastic Pumps SELECTION GUIDE

Our general purpose plastic pumps are available in a polypropylene or PVDF housing. Polypropylene is suitable for use with a wide variety of chemical applications. PVDF offers stronger chemical resistance to both acids and bases, while offering a higher temperature and abrasion protection than polypropylene.

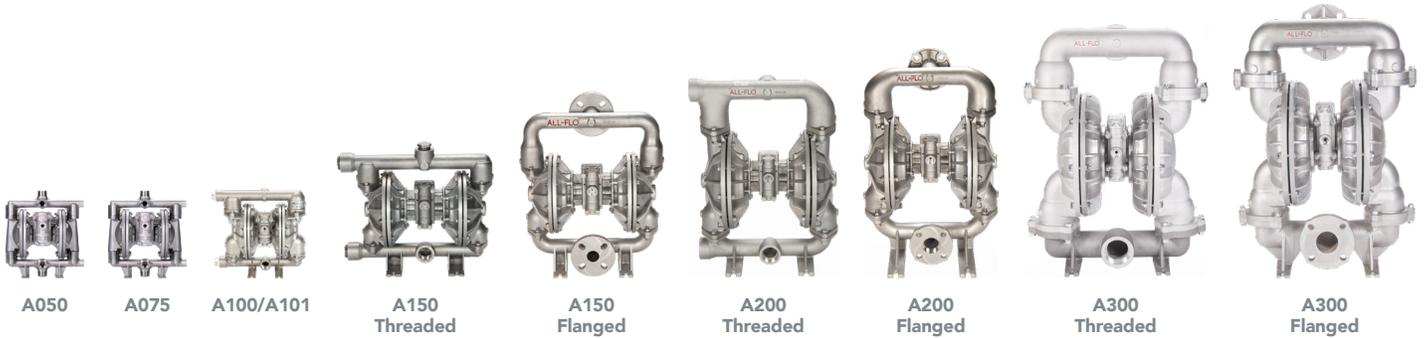


| | | A025 | C038 | A050 | C050 | A075 | C100 | A100 | C150 | A200 | |
|----------------|---|--------------------------------|---------------------------------------|--------------------------------|---------|-----------|---------------------|-------------------------------------|--------------------------------|--------------------|--|
| CONNECTABILITY | Fluid Connection Type | FNPT FBSPT | | | | | | ANSI/DIN Flange FNPT FBSPT | | ANSI/DIN Flange | |
| | Fluid Connection Size (inches) | 1/4 | 3/8 | 1/2 | 1/2 | 3/4 | 1 | 1 | 1-1/2 | 2 | |
| | Air Inlet Connection (inches) | 1/4 | | | | | | | 3/4 | | |
| CONSTRUCTION | Pump Style | Bolted | Clamped | Bolted | Clamped | Bolted | Clamped | Bolted | Clamped | Bolted | |
| | Materials of Construction - Fluid End | Polypropylene, PVDF | Polypropylene, PVDF, Conductive Nylon | | | | Polypropylene, PVDF | | | | |
| | Materials of Construction - Air End | Polypropylene | Polypropylene (Glass-Filled), FKM | | | | | | | | |
| | Available Elastomers | Geolast®, Santoprene®, PTFE | Geolast®, Santoprene®, PTFE, FKM | | | | | | | | |
| PERFORMANCE | Maximum Lift ft-H ₂ O (m-H ₂ O) | Dry: 14 (4.2) Wet: 28 (8.5) | Dry: 10 (3.0) Wet: 26 (7.9) | Dry: 15 (4.6) Wet: 26 (7.9) | | | | Dry: 13 (3.9) Wet: 26 (7.9) | Dry: 17 (5.2) Wet: 29 (8.8) | | |
| | Maximum Solids inches (mm) | 1/16 (1.6) | | 1/8 (3.2) | | | 1/4 (6.4) | | | | |
| | Maximum Flow Rate gpm (lpm) | 5.7 (21.6) | 9 (34) | 17 (64.6) | 14 (53) | 17 (64.6) | 40 (152) | 41 (156) | 130 (492) | 160 (605) | |

Consult www.all-flo.com for specific chemical compatibility.

Metal Pumps SELECTION GUIDE

Our general purpose metal pumps are available in three materials: aluminum, anodized aluminum, and stainless steel. Aluminum and anodized aluminum offer medium corrosion and abrasion resistance, while stainless steel is suitable for applications that require higher chemical and abrasion resistance.



| | | A050 | A075 | A100/A101 | A150 | A200 | A300 |
|----------------|---|--|--|--------------------------------|---|--------------------------------|---|
| CONNECTABILITY | Fluid Connection Type | FNPT FBSPT | | | Aluminum: FNPT, FBSPT Stainless Steel: FNPT, FBSPT, ANSI/DIN Flange | | Aluminum: FNPT, FBSPT Stainless Steel: ANSI/DIN Flange |
| | Fluid Connection Size (inches) | 1/2 | 3/4 | 1 | 1-1/2 | 2 | 3 |
| | Air Inlet Connection (inches) | 1/4 | | | 3/4 | | |
| CONSTRUCTION | Pump Style | Bolted | | | | | |
| | Materials of Construction - Fluid End | Aluminum, Anodized Aluminum, Stainless Steel | | | | | |
| | Materials of Construction - Air End | Aluminum, Polypropylene (Glass-Filled) | Aluminum, Polypropylene (Glass-Filled) | Aluminum, PTFE Coated Aluminum | Aluminum, Stainless Steel | | Aluminum, PTFE Coated Aluminum |
| | Available Elastomers | Geolast®, Santoprene®, PTFE, FKM, Buna-N, EPDM | | | | | |
| PERFORMANCE | Maximum Lift ft-H ₂ O (m-H ₂ O) | Dry: 15 (4.6) Wet: 31 (9.4) | Dry: 15 (4.6) Wet: 31 (9.4) | Dry: 17 (5.2) Wet: 30 (9.1) | Dry: 22 (6.7) Wet: 31 (9.4) | Dry: 24 (7.3) Wet: 32 (9.8) | Dry: 20 (6.1) Wet: 31 (9.4) |
| | Maximum Solids inches (mm) | 1/8 (3.2) | 1/8 (3.2) | 1/4 (6.4) | | 7/16 (11) | |
| | Maximum Flow Rate gpm (lpm) | 15 (57) | 15 (57) | 48 (182) | 115 (435) | 190 (719) | 235 (890) |

Consult www.all-flo.com for specific chemical compatibility.

Specialty Pumps SELECTION GUIDE

We offer a variety of specialty pumps to suit your application needs. FDA and Hygienic Pumps are ideal for many common food and beverage fluid transfer applications. Solids handling capabilities are offered in hygienic pumps (1-1/2 in. and larger) and 1/2 in. and 1 in. plastic and metal pumps. Our PTFE pumps are recommended for applications containing highly corrosive process fluids or applications requiring higher temperature resistance.



| | | ALL-PÜR® FDA – F SERIES | ALL-PÜR® FOOD GRADE – G SERIES | MAX-PASS® SOLIDS HANDLING – S SERIES |
|----------------|---|--|---|---|
| CONNECTABILITY | Fluid Connection Type | ASTM A270 Tri-Clamp® | Tri-Clamp® | FNPT FBSPT ANSI/DIN Flange |
| | Fluid Connection Size (inches) | F100: 1-1/2 F150: 2 F200: 2-1/2 | G075: 1 G125: 1-1/2 G200: 2 | Plastic: S038: 3/8, S050: 1/2, S075: 3/4, S100: 1 Metal: S050: 1/2, S075: 3/4, S100: 1 |
| | Air Inlet Connection (inches) | F100: 1/2 F150: 3/4 F200: 3/4 | G075: 1/4 G125: 1/4 G200: 1/2 | 1/4 |
| CONSTRUCTION | Pump Style | Bolted | | |
| | Materials of Construction - Fluid End | Passivated Stainless Steel | 316 Stainless Steel | Aluminum, Anodized Aluminum, Stainless Steel, Polypropylene, PVDF |
| | Materials of Construction - Air End | F100: Aluminum, PTFE Coated Aluminum F150 & F200: Aluminum, PTFE Coated Aluminum, Stainless Steel | Conductive Polyethylene | S050 & S075: Aluminum, PTFE Coated Aluminum, Polypropylene (Glass-Filled) S100 Metal: Aluminum, PTFE Coated Aluminum S100 Plastic: Polypropylene (Glass-Filled) |
| | Available Elastomers | Santoprene®, Hytrel®, PTFE | Integral PTFE & FDA EPDM | Geolast®, Santoprene®, PTFE, FKM |
| PERFORMANCE | Maximum Lift ft-H ₂ O (m-H ₂ O) | Dry: 17 - 24.4 (5.2 - 7.4) Wet: 30 - 31.7 (9.1 - 9.7) | Dry: 3.3 - 9.8 (1 - 3) Wet: 29.5 (9) | Dry: 15 - 18 (4.6 - 5.5) Wet: 26 - 31 (7.9 - 9.4) |
| | Maximum Solids inches (mm) | 1/4 (6.4) | 7/20 – 1/2 (9 - 13) | 1/4 - 3/4 (6.4 - 19) |
| | Maximum Flow Rate gpm (lpm) | 48 - 190 (182 - 719) | 20 - 106 (75 - 400) | 9 - 46 (34 - 174) |

Consult www.all-flo.com for specific chemical compatibility or contact an applications engineer for specific recommendations.



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